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NTC 71-11095-07B

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Order from ATS \$8.00

ATS-O9Q67G

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DESCRIPTORS: \*Silicon compounds, \*Sulfides, \*Silanes, \*Thiols, Preparation, \*Alcohols.

(Chemistry--Organic, TT, v. 9, no. 9)

63-12752

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II. Wojnowski, W.  
III. Title: Preparation ...  
IV. ATS-O9Q67G  
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Office of Technical Services

R. Scholder

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Ref 1275864, UNCLASSIFIED

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fig. appeared in Tankist, No 6, 1954.

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\*Cigarettes.

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I. Furbringer  
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| <p>Heine, U., Graffi, A. and others.<br/>ELECTRON MICROSCOPIC EXPERIMENTS ON<br/>NORMAL CELLS AND TUMOR CELLS OF RAT'S<br/>LIVER (Elektronenmikroskopische Untersuchungen an<br/>Normalen Zellen und Tumorzellen der Rattenleber) tr.<br/>by K. A. Hochachwender. 30 June 60, 12p. (8 figs.<br/>omitted) 17 refs. No. 6-24-60.<br/>Order from OTS or SLA \$1.60</p> <p>Trans. of reprint of <u>Zeitschrift für Ärztliche</u><br/>Fortschreibung (East Germany) 1957, v. 51, no. 15,<br/>p. 648-652.</p> <p>DESCRIPTORS: *Liver, *Neoplasms, *Cells (Biology),<br/>Electron microscopy.</p> <p>(Biological Sciences--Pathology, TT, v. 7, no. 3)</p> | <p>60-19481</p> <p>I. Heine, U.<br/>II. Graffi, A.<br/>III. NIH-6-24-60<br/>IV. National Institutes of Health,<br/>Bethesda, Md.</p> <p>12-29-61<br/>Office of Technical Services</p> |  |
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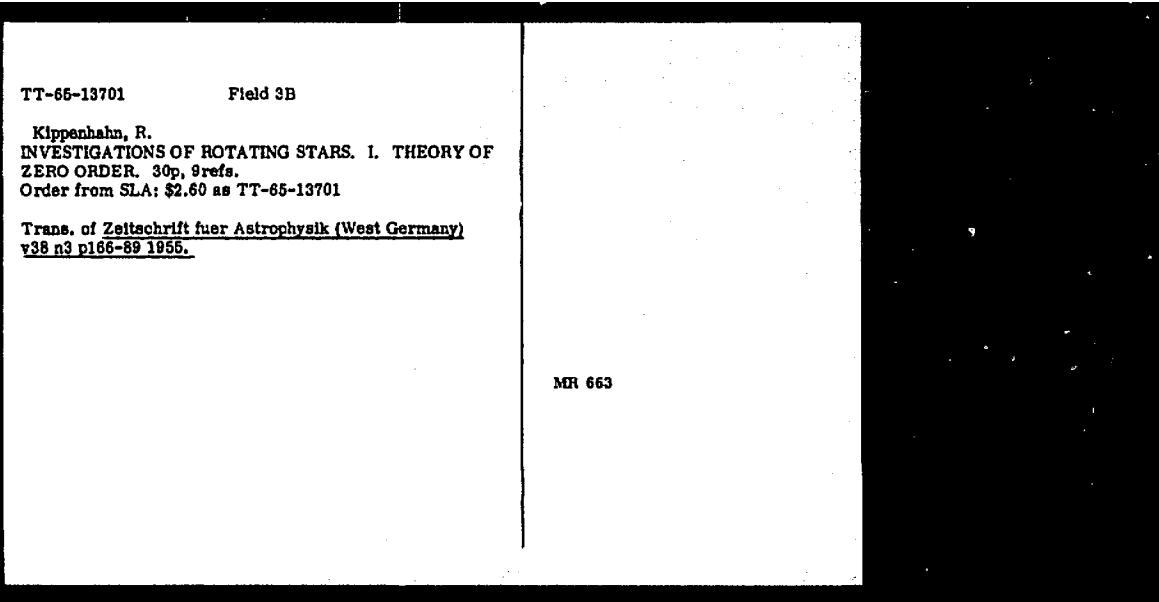
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| <p>Kippenhahn, R. and Schlüter, A.<br/>A THEORY OF SOLAR FILAMENTS. [1963] [53]p.<br/>9 refs.<br/>Order from SLA \$5.60                    63-14888</p> <p>Trans. of [Zeitschrift für Astrophysik] (West Germany) 1957, v. 43 [no. 1] p. 36-62.</p> <p>DESCRIPTORS: *Solar corona, Magnetic fields, Gravity, Electric currents, Gases, Pressure, Stability, Equations, Astrophysics, Theory, *Solar flares.</p> <p>A theory of the stationary support of solar filaments (prominences) by the magnetic field of field patches is proposed. Only at those places where the magnetic field is horizontal a filament can be supported. In addition conditions of stability have to be fulfilled. Some simple two-dimensional models of the kind are (Astronomy--Astrophysics, TT, v. 10, no. 4) (over)</p> | <p>63-14888</p> <p>I. Title: Solar filaments<br/>I . Kippenhahn, R.<br/>II . Schlüter, A.</p> <p>Office of Technical Services</p> |
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Nov 65                    291,690

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CSIRO Tr 4371

Oct. 62

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Mar 64

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TT-65-13706

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v48 n2 p140-54 1959.

MR 663

TT-65-13705

Field 3B

Kippenhahn, R.  
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STATE OF MOTION OF HYDROGEN IONIZATION  
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AEC-SC-T-68-1501

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Sci/Atmos Sci  
Apr 68  
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Trans. of Zeitschrift für Astrophysik (West Germany)  
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DESCRIPTORS: \*Solar corona, Solar flares, Density,  
Pressure, Cooling, Magnetic fields, Compressive  
properties.

Because of the very efficient radiative cooling, the gas  
pressure of coronal matter will not increase when com-  
pressed. Thus, an external pressure will bring coronal  
matter rapidly to the density and temperature of a  
prominence. Within a center of activity, the required  
pressure will be supplied from the colliding or forming  
magnetic fields, which, in addition, are needed to pro-  
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